

WORKBOOK ANSWER KEY

9 Suggested answers:

- 1 If I pass my exams this year, I'll have a big party.
- 2 If I don't get too much homework tonight, I'll go to the cinema.
- 3 I would be happier if I had more free time.
- 4 If someone gave me a lot of money, I would buy a new computer.
- 5 My parents wouldn't have met if my dad hadn't moved to Santander.
- 6 If I hadn't come to this school, I wouldn't have learnt how to ski.
- 10 1 will last 2 wouldn't 3 went 4 were 5 'd talk 6's 7 'll feel 8 known 9 wouldn't have asked

Vocabulary 1 p48

- 1 Biology 2 Chemistry 3 Economics 4 Politics 5 Law 6 Mathematics 7 Philosophy 8 Physics 9 Psychology

- 2 **-er**, philosopher, astronomer, researcher
-or, actor, inventor, director
-ist, physicist, psychologist, chemist
-ian, electrician, politician, mathematician

- 3 1 philosophers 2 mathematician 3 inventor 4 Researchers 5 chemist 6 director
- 4 1 c 2 d 3 e 4 a 5 b
- 5 1 the Big Bang 2 evidence 3 black hole 4 gravity 5 radiation
- 6 1 Hawking wrote a mathematical proof for the **Big Bang**.
2 Hawking believes that the Big Bang was like a black hole going **backwards**.
3 Black holes happen when **large** stars **collapse**.
4 Gravity **does** affect light.

Listening p49

- 1 1 False. 2 True. 3 False.
- 2 b
- 3 1 first-hand 2 rusty 3 sharp 4 rough 5 lumpy
- 4 1 b 2 c 3 d 4 c 5 d 6 a 7 b 8 c
- 5 1 And on the phone we've got someone who has first-hand experience of meteorites, because one actually fell on him!
2 And where do we normally find them? Are there any particular areas where they fall?

- 3 My dad took it to some experts at the university and they tested it. They told us it could have come from Mars. It might be billions of years old!

Vocabulary 2 p50

- 1 1 make up 2 look into 3 bring about 4 find out 5 point out
- 2 1 pointing out (to me) 2 made them up 3 put forward 4 found out 5 bring about 6 looking into
- 3a /eɪ/: table, station, space, make, stay
- 4 1 science fiction, science teacher 2 space exploration, space station 3 time machine, timetable 4 website, weblog 5 classroom, classmate
- 5 1 time machine 2 classroom 3 science fiction 4 website 5 space station 6 computer game

Writing p51

- 1 1 However 2 In addition to this 3 On the other hand 4 Furthermore 5 What's more
- 2 1 Technology has more advantages than disadvantages.
2 Students' own answers.
- 3 Introducing the writer's opinion: I agree that, I think that, In my opinion, Introducing other people's opinions: many people believe that, Some people argue that, they think that Introducing facts: it's true that, there's no doubt that
- 4a health, unemployment, alienation, communications, the environment
b For technological progress: health, communications, the environment Against technological progress: unemployment, alienation

Unit 7

Topic words p52

- 1 People: antiques dealer, painter, art dealer
Types of art: mural, statue, cave painting, sculpture
Places: museum, auction house, art gallery
Cognates: mural, museum, statue, painter, antiques (dealer), sculpture
- 2 a antiques dealer b statue c auction house d sculpture
- 3 1 golden 2 green 3 black 4 silver 5 red

- 4 a 2 b 5 c 1 d 4 e 3
- 5 1 a 2 b 3 a 4 c

Reading p53

- 1 1 C 2 A 3 B
- 2 1 cleared out 2 fate 3 fooling 4 harnesses 5 pretended 6 given away 7 finds 8 attic
- 3 1 For over 17 years.
2 A popular British TV show, about antiques.
3 Nearly half a million euros.
4 No, at first they thought it was authentic.
5 He put tea on it to discolour it and make it look old.
6 They made a forgery of an ancient sculpture of some horses, but they made a mistake and gave the horses modern harnesses. Staff at the British Museum noticed this and realized that the sculpture was a fake.
- 4 1 False – he 'pretended to be an amateur antiques enthusiast'.
2 False – they 'were made by his son Shaun at their home in Bolton'.
3 False – it 'was bought by Bolton Museum ...'
4 True – they said it was 'an exceptional example of 3,000-year-old Egyptian art'.
5 False – 'the horses were wearing modern, 20th century harnesses'.
6 True – 'staff at the British Museum ... spotted something strange ...'

Grammar p54

- 1 1 are visited by 2 gave 3 is being repaired 4 won't be sold 5 hasn't finished 6 should be given
- 2 1 is being built 2 weren't made 3 will be removed 4 hasn't been repaired 5 had been sold
- 3 1 were; designed – a 2 will; be held – b 3 are; used – b 4 has; been stolen – b
- 4 1 Valencia's City of Arts and Sciences and Bilbao Airport weren't designed by Herzog & de Meuron. They were designed by Santiago Calatrava.
2 The 2014 FIFA World Cup won't be held in Spain. It will be held in Brazil.
3 Euros aren't used in all 27 EU countries. They're used in 16 EU countries.
4 Edward Munch's painting, The Scream, hasn't been stolen 12 times. It's been stolen twice.